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(54) Title: ANTISENSE OLIGONUCLEOTIDES AND USES THEREOF IN IMPROVING CANCER TREATMENT STRATEGIES

(57) Abstract: The present invention provides methods of using antisense oligonucleotides against thymidylate synthase to identify potential drug targets for new cancer therapies and to improve current cancer therapies. The oligonucleotides of the invention are complementary to thymidylate synthase mRNA and affect expression of thymidylate synthase and at least one other gene.